

WHAT IS CLAIMED IS:

1. A swing arm for a two-wheeled motor vehicle having a pair of arm portions pivotally mounted to the frame of the motorcycle body and a body portion located to connect the pair of arms, characterized in that said arm portions and said body portion have hollow portions formed therein, at least a part of said hollow portions is filled with foam resin.
2. The swing arm for a two-wheeled motor vehicle as defined in claim 1, characterized in that said foam resin may be urethane foam, polypropylene foam, polystyrene foam, polyethylene foam, acrylonitrile-styrene resin foam, gum-based foam, or urethane foam having gum-based particles.
3. The swing arm for a two-wheeled motor vehicle as defined in claim 1, characterized in that said foam resin is a combination of two or more of the following: urethane foam, polypropylene foam, polystyrene foam, polyethylene foam, acrylonitrile-styrene resin foam, gum-based foam, and urethane foam having gum-based particles.
4. The swing arm for a two-wheeled motor vehicle as defined in claim 2, wherein the density of said urethane foam is from 0.010 to 0.100.
5. The swing arm for a two-wheeled motor vehicle as defined in claim 3, characterized in that the density of said urethane foam is from 0.010 to 0.100.

6. ~~The swing arm for a two-wheeled motor vehicle as defined in claim 2, characterized in that the density of said urethane foam having gum-based particles is from 0.050 to 0.500.~~

7. ~~The swing arm for a two-wheeled motor vehicle as defined in claim 3, characterized in that the density of said urethane foam having gum-based particles is from 0.050 to 0.500.~~

8. ~~The swing arm for a two-wheeled motor vehicle as defined in claim 2, characterized in that, said polypropylene foam, said polystyrene foam, said polyethylene foam, and said acrylonitrile-styrene resin foam of said foam resin are formed by foaming resin beads.~~

9. ~~The swing arm for a two-wheeled motor vehicle as defined in claim 3, characterized in that said polypropylene foam, said polystyrene foam, said polyethylene foam, and said acrylonitrile-styrene resin foam of said foam resin are formed by foaming resin beads.~~

10. ~~The swing arm for a two-wheeled motor vehicle as defined in claim 1, characterized in that said foam resin is the chipped form of previously molded urethane foam, polypropylene foam, polystyrene foam, polyethylene foam, acrylonitrile-styrene resin foam, gum-based foam, or urethane foam having gum-based particles.~~

11. ~~The swing arm for a two-wheeled motor vehicle as defined in claim 1, characterized in that said foam resin is a combination~~

~~of the chipped form of two or more of the following: previously~~
molded urethane foam, polypropylene foam, polystyrene foam,
polyethylene foam, acrylonitrile-styrene resin foam,
gum-based foam, and urethane foam having gum-based particles.

12. The swing arm for a two-wheeled motor vehicle as defined in claim 1, characterized in that a wall is provided between a portion filled with said foam resin and a portion that is not filled with said foam resin.

13. A method for producing a swing arm for a two-wheeled motor vehicle having an arm portion and a body portion, both of which have a hollow portion, the hollow portion being at least partly filled with a foam resin,

characterized by at least,

filling up at least a part of said hollow portion with the raw material of a foam resin; and

foaming said raw.

14. The method for producing a swing arm for a two-wheeled motor vehicle as defined in claim 13, characterized in that said raw material of the foam resin is introduced at a threaded opening by which said swing arm is mounted to said two-wheeled motor vehicle.

15. The method for producing a swing arm for a two-wheeled motor vehicle as defined in claim 13, characterized in that said raw material of the foam resin is introduced at an opening

provided at the end of said arm portion.

16. The method for producing a swing arm for a two-wheeled motor vehicle as defined in claim 14, characterized in that the openings other than the opening at which said raw material of the foam resin is introduced are closed by means of a mesh sheet.

17. The method for producing a swing arm for a two-wheeled motor vehicle as defined in claim 15, characterized in that said opening provided at said end of said arm portion is closed by means of said mesh sheet.

18. A method for producing a swing arm for a two-wheeled motor vehicle having an arm portion and a body portion, both of which have a hollow portion, the hollow portion being at least partly filled with a foam resin,

characterized by at least;

filling at least a part of said hollow portion at the end of said arm portion with a previously molded foam material.

19. The method for producing a swing arm for a two-wheeled motor vehicle as defined in claim 18, characterized in that said foam material may be urethane foam, polypropylene foam, polystyrene foam, polyethylene foam, acrylonitrile-styrene resin foam, gum-based foam, or urethane foam having gum-based particles.

20. The method for producing a swing arm for a two-wheeled

motor vehicle as defined in claim 18, characterized in that said foam material is beads of, polypropylene foam, polystyrene foam, polyethylene foam, acrylonitrile-styrene resin foam.

21. The method for producing a swing arm for a two-wheeled motor vehicle as defined in claim 18, characterized in that said foam material is a combination of two or more of the following: urethane foam, polypropylene foam, polystyrene foam, polyethylene foam, acrylonitrile-styrene resin foam, gum-based foam, and urethane foam having gum-based particles.

22. The method for producing a swing arm for a two-wheeled motor vehicle as defined in claim 18, characterized in that said foam material is a combination of beads of two or more of the following: polypropylene foam, polystyrene foam, polyethylene foam, and acrylonitrile-styrene resin foam.

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